



# STIC Search Report

EIC 2100

STIC Database Tracking Number: 199648

**TO:** Eleni Shiferaw  
**Location:** RND 2D30  
**Art Unit :** 2136  
**Thursday, August 24, 2006**

**Case Serial Number:**

**From:** Geoffrey St. Leger  
**Location:** EIC 2100  
**Randolph-4B31**  
**Phone:** 23450

**geoffrey.stleger@uspto.gov**

## Search Notes

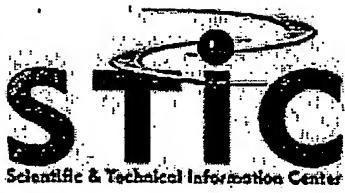
Dear Examiner Shiferaw,

Attached please find the results of your search request for application . I searched Dialog's foreign patent files and non-patent literature files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger  
4B31/x23540



# STIC EIC 2100

## Search Request Form

199648

Today's Date:

8/24/06

What date would you like to use to limit the search?

Priority Date: 2001 / 10 / 29 Other:

Name Shiferaw, Elena  
AU 2136 Examiner # 80307  
Room # 2D30 Phone 23867  
Serial # 101A7926

Format for Search Results (Circle One):

PAPER      DISK      EMAIL

Where have you searched so far?

USP    DWPI    EPO    JPO    ACM    IBM TDB  
IEEE    INSPEC    SPI    Other \_\_\_\_\_

Is this a "Fast &amp; Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Is this request for a BOARD of APPEALS case? (Circle One) YES NO

proxy generating digital signature, based on content intercepted, where in content do not include any digital Signature /data, using selected key when Selection rules are satisfied and using predetermined replacement key when selection rules are not satisfied and to again generate a digital signature using the selected key when selection rules are satisfied for documents signed using replacement key.

STIC Searcher Geoffrey St-Leger Phone 23560  
Date picked up 8/24/06 Date Completed 8/24/06



File 8:Ei Compendex(R) 1970-2006/Aug w2  
     (c) 2006 Elsevier Eng. Info. Inc.  
 File 35:Dissertation Abs Online 1861-2006/Jun  
     (c) 2006 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2006/Aug 24  
     (c) 2006 BLDSC all rts. reserv.  
 File 2:INSPEC 1898-2006/Aug w2  
     (c) 2006 Institution of Electrical Engineers  
 File 94:JICST-EPlus 1985-2006/May w2  
     (c) 2006 Japan Science and Tech Corp(JST)  
 File 6:NTIS 1964-2006/Aug w2  
     (c) 2006 NTIS, Intl Cpyrht All Rights Res  
 File 144:Pascal 1973-2006/Jul w5  
     (c) 2006 INIST/CNRS  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
     (c) 2006 The Thomson Corp  
 File 34:SciSearch(R) Cited Ref Sci 1990-2006/Aug w3  
     (c) 2006 The Thomson Corp  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul  
     (c) 2006 The HW Wilson Co.  
 File 266:FEDRIP 2005/Dec  
     Comp & dist by NTIS, Intl Copyright All Rights Res  
 File 95:TEME-Technology & Management 1989-2006/Aug w3  
     (c) 2006 FIZ TECHNIK  
 File 62:SPIN(R) 1975-2006/Apr w4  
     (c) 2006 American Institute of Physics  
 File 239:Mathsci 1940-2006/Oct  
     (c) 2006 American Mathematical Society

Set	Items	Description
S1	14302538	MESSAGE? ? OR EMAIL? ? OR MAIL OR DOCUMENT? ? OR FILE? ? OR RECORD? ? OR CONTENT? ? OR ARTICLE? ? OR INFORMATION OR DATA OR OBJECT? ?
S2	906465	S1(5N)(EXCHANG??? OR SEND??? OR SENT OR CONVEY? OR DELIVER??? OR TRANSFER???? OR UPLOAD? OR DOWNLOAD? OR RECEIV? OR RECEIPTION OR FORWARD??? OR TRANSMIT? OR TRANSMISSION OR DISTRIBUT? OR BROADCAST?)
S3	12520	(SIGN? ? OR SIGNED OR SIGNED)(5N)S1
S4	14694	SIGNATURE? ?(5N)(ESTABLISH? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUCE OR PRODUCES OR PRODUCED OR PRODUCING OR PRODUCTION OR BUILT OR BUILD?)
S5	14578	SIGNATURE? ?(5N)(COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN????? OR DISCERN? OR DERIV??? OR CALCULA? OR DEFIN??? OR PROVID??? OR APPLY??? OR APPLIE? ? OR ADD???)
S6	10067	(DIGITAL OR ELECTRONIC)()SIGNATURE? ?
S7	66638	KEY? ?(5N)(DETERMIN? OR ASSESS? OR IDENTIFY??? OR IDENTIFIED OR IDENTIFIES OR ASCERTAIN? OR GAUG? OR EVALUAT? OR DISCERN? OR JUDG??? OR DECID??? OR SELECT??? OR CHOOS??? OR CHOSE? ? OR PICK??? OR DESIGNAT? OR SPECIFY??? OR SPECIFIE? ?)
S8	30	S7(10N)S6
S9	20	S2:S5 AND S8
S10	30	S8:S9
S11	24	RD (unique items)
S12	9	S11 NOT PY=2002:2006
S13	101	(PROXY OR INTERCEPT?)(20N)S6
S14	61	(S2:S5 OR S7) AND S13
S15	46	RD (unique items)
S16	7	S15 NOT (S12 OR PY=2002:2006)

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

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File 350:Derwent WPIX 1963-2006/UD=200654

(c) 2006 The Thomson Corporation

Set	Items	Description
S1	4995103	MESSAGE? ? OR EMAIL? ? OR MAIL OR DOCUMENT? ? OR FILE? ? OR RECORD? ? OR CONTENT? ? OR ARTICLE? ? OR INFORMATION OR DATA OR OBJECT? ?
S2	1154360	S1(5N)(EXCHANG??? OR SEND??? OR SENT OR CONVEY? OR DELIVER??? OR TRANSFER???? OR UPLOAD? OR DOWNLOAD? OR RECEIV? OR RECEPTION OR FORWARD??? OR TRANSMIT? OR TRANSMISSION OR DISTRIBUT? OR BROADCAST?)
S3	405783	SIGN???(5N)S1
S4	5003	SIGNATURE? ?(5N)(ESTABLISH? OR GENERAT? OR CREAT???? OR FA- SHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR - PRODUCE OR PRODUCES OR PRODUCED OR PRODUCING OR PRODUCTION OR BUILT OR BUILD?)
S5	4163	SIGNATURE? ?(5N)(COMPUTE OR COMPUTES OR COMPUTED OR COMPUT- ING OR DETERMIN????? OR DISCERN? OR DERIV??? OR CALCULA? OR D- EFIN??? OR PROVID??? OR APPLY??? OR APPLIE? ?)
S6	20035	KEY? ?(15N)(RULE? ? OR EVENT? ? OR CRITERIA OR CRITERION OR CASE? ? OR CONDITION? ? OR SITUATION? ? OR POLICY OR POLICIE- S)
S7	26937	KEY? ?(15N)(TIME OR LOCATION OR PRIORITY OR IMPORTANCE)
S8	1239	S2 AND S3:S5 AND S6:S7
S9	6678	(SIGN? ? OR SIGNED OR SIGNED)(5N)S1
S10	206	S2 AND (S4:S5 OR S9) AND S6:S7
S11	90	S2 AND (S4:S5 OR S9) AND S6
S12	489	SIGNATURE? ?(5N)ADD???
S13	3694	(S4:S5 OR S12)(10N)S1
S14	179	(S9 OR S13) AND S2 AND S6:S7
S15	1	PN=US 20020116619
S16	3203	(SIGN? ? OR SIGNED OR SIGNED OR SIGNATURE? ?)(10N)KEY? ?
S17	138	S14 AND S16
S18	60	(S9 OR S13) AND S2 AND S6 AND S16
S19	12	S18 AND AC=US/PR AND AY=(1963:2001)/PR
S20	20	S18 AND AC=US AND AY=1963:2001
S21	20	S18 AND AC=US AND AY=(1963:2001)/PR
S22	24	S18 AND PY=1963:2001
S23	32	S19:S22
S24	32	IDPAT (sorted in duplicate/non-duplicate order)
S25	0	S15 AND S18
S26	38823	KEY? ?(5N)(DETERMIN? OR ASSESS? OR IDENTIFY??? OR IDENTIFI- ED OR IDENTIFIE? ? OR IDENTIFICATION OR ASCERTAIN? OR GAUG? OR EVALUAT? OR DISCERN? OR JUDG??? OR DECID??? OR SELECT??? OR - CHOOS??? OR CHOSE? ? OR PICK??? OR DESIGNAT? OR SPECIFY??? OR SPECIFIE? ?)
S27	4232	(DIGITAL OR ELECTRONIC)()SIGNATURE? ?
S28	71	S26(7N)S4:S5 AND S27
S29	68	S28 NOT S18
S30	67	S29 NOT S15
S31	27	S30 AND AC=US/PR AND AY=(1963:2001)/PR
S32	33	S30 AND AC=US AND AY=1963:2001
S33	32	S30 AND AC=US AND AY=(1963:2001)/PR
S34	17	S30 AND PY=1963:2001
S35	34	S31:S34
S36	17	S2 AND S35
S37	6863	S1(10N)(PROXY OR INTERCEPT?)
S38	37964	KEY? ?(5N)(DETERMIN? OR ASSESS? OR IDENTIFY??? OR IDENTIFI- ED OR IDENTIFIES OR IDENTIFICATION OR ASCERTAIN? OR GAUG? OR - EVALUAT? OR DISCERN? OR JUDG??? OR DECID??? OR SELECT??? OR C- HOOS??? OR CHOSE? ? OR PICK??? OR DESIGNAT? OR SPECIFY??? OR - SPECIFIE? ?)
S39	96	S38(7N)S27

S40        1    S37 AND S39  
S41        51   S39 NOT (S15 OR S18 OR S30)  
S42        14   S41 AND AC=US/PR AND AY=(1963:2001)/PR  
S43        18   S41 AND AC=US AND AY=1963:2001  
S44        18   S41 AND AC=US AND AY=(1963:2001)/PR  
S45        19   S41 AND PY=1963:2001  
S46        29   S42:S45

File 348:EUROPEAN PATENTS 1978-2006/ 200634

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File 349:PCT FULLTEXT 1979-2006/UB=20060817,UT=20060810

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Set	Items	Description
S1	1998058	MESSAGE? ? OR EMAIL? ? OR MAIL OR DOCUMENT? ? OR FILE? ? OR RECORD? ? OR CONTENT? ? OR ARTICLE? ? OR INFORMATION OR DATA OR OBJECT? ?
S2	448243	S1(5N)(EXCHANG??? OR SEND??? OR SENT OR CONVEY? OR DELIVER??? OR TRANSFER???? OR UPLOAD? OR DOWNLOAD? OR RECEIV? OR RECEPTION OR FORWARD??? OR TRANSMIT? OR TRANSMISSION OR DISTRIBUT? OR BROADCAST?)
S3	113173	(SIGN? ? OR SIGNED OR SIGNED)(5N)S1
S4	9174	SIGNATURE? ?(5N)(ESTABLISH? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUCE OR PRODUCES OR PRODUCED OR PRODUCING OR PRODUCTION OR BUILT OR BUILD?)
S5	10763	SIGNATURE? ?(5N)(COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN????? OR DISCERN? OR DERIV??? OR CALCULA? OR DDEFIN??? OR PROVID??? OR APPLY??? OR APPLIE? ? OR ADD???)
S6	7622	(DIGITAL OR ELECTRONIC)()SIGNATURE? ?
S7	38171	KEY? ?(5N)(DETERMIN? OR ASSESS? OR IDENTIFY??? OR IDENTIFIED OR IDENTIFIES OR ASCERTAIN? OR GAUG? OR EVALUAT? OR DISCERN? OR JUDG??? OR DECID??? OR SELECT??? OR CHOOS??? OR CHOSE? ? OR PICK??? OR DESIGNAT? OR SPECIFY??? OR SPECIFIE? ?)
S8	251	S7(10N)S6
S9	87	S2(50N)S3:S5(50N)S8
S10	46	S9 AND AC=US/PR AND AY=(1978:2001)/PR
S11	46	S9 AND AC=US AND AY=1978:2001
S12	46	S9 AND AC=US AND AY=(1978:2001)/PR
S13	39	S9 AND PY=1978:2001
S14	54	S10:S13
S15	54	IDPAT (sorted in duplicate/non-duplicate order)
S16	26200	KEY? ?(7N)(JUDG??? OR DECID??? OR SELECT??? OR CHOOS??? OR CHOSE? ? OR PICK??? OR DESIGNAT?)
S17	96	S16(10N)S6
S18	62	S17 NOT S9
S19	32	S18 AND AC=US/PR AND AY=(1978:2001)/PR
S20	32	S18 AND AC=US AND AY=1978:2001
S21	32	S18 AND AC=US AND AY=(1978:2001)/PR
S22	39	S18 AND PY=1978:2001
S23	47	S19:S22
S24	47	IDPAT (sorted in duplicate/non-duplicate order)

15/3,K/5 (Item 5 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01015985

**GLOBAL CONDITIONAL ACCESS SYSTEM FOR BROADCAST SERVICES  
GLOBALES BEDINGTES ZUGANGSSYSTEM FÜR RUNDFUNKDIENSTE  
ACCES CONDITIONNEL GLOBAL A DES SERVICES DE TELEDIFFUSION**

PATENT ASSIGNEE:

Thomson Multimedia Inc., (4150292), 10330 North Meridian St.,  
Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)

INVENTOR:

ESKICIOGLU, Ahmet, Mursit, 8235 Lakeshore Trail No. 125, Indianapolis, IN  
46250, (US)

LEGAL REPRESENTATIVE:

Kohrs, Martin et al (88661), Thomson multimedia 46, quai A. Le Gallo,  
92648 Boulogne-Billancourt Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 988754 A1 000329 (Basic)  
EP 988754 B1 041222  
WO 1998056180 981210

APPLICATION (CC, No, Date): EP 98926327 980605; WO 98US11634 980605

PRIORITY (CC, No, Date): US 48852 P 970606

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H04N-007/167; H04N-007/16; H04N-005/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200452	921
CLAIMS B	(German)	200452	910
CLAIMS B	(French)	200452	1026
SPEC B	(English)	200452	3316
Total word count - document A			0
Total word count - document B			6173
Total word count - documents A + B			6173

...SPECIFICATION as an electronic program guide, from a list provider, wherein the list has a digitally signed message corresponding to each event of the list or guide, the digitally signed message comprises a message encrypted using a second public key and a digital signature created using a first private key. The method further comprises selecting an event from the list; receiving the digitally signed message corresponding to the selected event; authenticating the list provider; decrypting the message using a second...

...event.

In accordance with one aspect of the present invention, the steps of decrypting the message, receiving the selected event, and descrambling the selected event are performed in a removable smart card.

...

...thereto, the device performs the steps of: receiving an electronic program guide having a digitally signed message corresponding to each event in the guide wherein each digitally signed message comprises a message encrypted using a smart card public key and a digital signature created using a guide provider private key; selecting an event from the guide; receiving the digitally signed message corresponding to the selected event; authenticating the guide provider by decrypting the digital signature; passing the message to a smart card; decrypting the message to obtain event information and a symmetric key; storing the event information in the smart card and updating account information; receiving the selected event which is scrambled using the symmetric key; and descrambling the selected event...